



NITFS Compliance Registration



Product: **SOCEET GXP Version 2.0.1.20051111 1A Advanced Bundle (UNIX)**

With NTM module U2.4 and RULER, Version 12.0

Sponsor: **BAE Systems National Security Solutions**

Developer: **BAE Systems National Security Solutions**

Date: **06 April 2006**

Expiration: **05 April 2008**

Registration #: **2040**

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- ☒ NITF
- ☒ v2.1
- ☒ v2.0
- ☐ v1.1
- ☒ NSIF
- ☒ v1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer *
- ☒ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
- ☒ COM, 2301
- ☒ COM, 2301A
- ☒ Labels **

Text Segments

- ☒ TA
- ☒ UT1
- ☐ U8S
- ☒ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☐ NO DISPLY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☒ JPEG Lossless
- ☒ JPEG 2000
- ☒ Bit Level
- ☒ Vector Quantization
- ☒ Multiband JPEG, Individual Band

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☒ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ IAE
- ☒ SDE
- ☒ CHIPB
- ☒ COMAPA
- ☒ BLOCA
- ☒ RPC00B
- ☒ USE00A
- ☒ STDIDC
- ☒ HISTOA
- ☒ QKLRA

☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Sun Blade 2000/2500
- SOLARIS 8, 9 and 10
- 1 Open GL-based graphics card per head

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to the National Geospatial-Intelligence
Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.